

REDEFINING CLEAN



New triple action formula protects
your engine like never before



NEW

Shell
FuelSave Diesel

LEADING FUEL INNOVATION



REDEFINE RELIABILITY WITH OUR ENGINE-PROTECTING DEPOSIT CONTROL TECHNOLOGY

Mining is an intense, demanding industry. With highly specialised, expensive equipment and tough conditions, maintaining power while achieving fuel efficiency is vital.

As engine technologies advance, the fuel that keeps them running needs to advance too. With increasing sensitivity to the build-up of deposits and residues, dirty fuel injectors can mean unplanned downtime and costly maintenance that interrupts key activity.

For equipment that needs to deliver steady, uninterrupted production, investing in advanced fuel technology can help build a more efficient, reliable operation.

That's why Shell's new FuelSave Diesel has a unique triple-action formula that protects against 3 types of engine deposits,¹ and is proven to recover lost power⁷ and improve fuel economy.

YOUR BENEFITS



FUEL EFFICIENCY

Our new Shell FuelSave Diesel triple-action formula has been independently proven by experts to save fuel by up to 3.75%,² lowering your total cost of ownership.



ENGINE RELIABILITY

A deeper clean helps keep injectors virtually like new³, which reduces maintenance costs, avoids unplanned repairs, and increases fleet utilisation. The formula is also designed to help ensure reliable engine performance by protecting against EGR deposits.⁶



FUEL QUALITY UP TO B30

Boosted oxidation stability to help you use fuels with bio components and reduce risk of fuel degradation and sludge build-up.⁴ Also designed to reduce risk of filter plugging and microbial growth.⁴



CORROSION PROTECTION

Helps reduce maintenance and risk of breakdown by protecting against fuel system corrosion.⁴



TESTED BY EXPERTS

We know that having a reliable fleet makes planning and running your operation easier, so for peace of mind independent testing has confirmed the performance of our new formula.



SUSTAINABILITY

Improved fuel economy helps reduce CO₂ emissions by up to 3.75%.¹⁰ The formulation also helps to support reduction in black smoke⁵ by cleaning more thoroughly than ever before and helps your EGR system to work effectively to reduce NO_x emissions.⁶



POWER RECOVERY

Cleaning and protecting key fuel system components from performance-robbing deposits helps recover 83% of lost power.⁷



REDUCED FOAMING

Provides improved protection against foaming to reduce refuelling time and allow a full tank refill.⁸

TRIPLE-ACTION

Formula

Targets 3 types of deposits¹

- Injector nozzle deposits
- Internal diesel injector deposits (IDIDs)
- EGR deposits

AVOID COSTLY

Repairs

Single fuel injector replacement costs estimated at upwards of \$1,800⁹

Single EGR cooler and valve replacement costs estimated at upwards of \$7,000⁹

POWER RECOVERY

83%

power recovery through target and removal of injector nozzle deposits⁷

PROTECTION

In up to

B30

Improved corrosion protection and fuel stability in fuels containing biocomponents up to B30⁴

VALUE FOR MONEY

Up to

3.75%

fuel economy improvement²

LOWER EMISSIONS

Up to

3.75%

reduction in CO₂ emissions through improved fuel economy¹⁰

IMPROVED

Anti-foam performance

Reduced foaming for faster refuelling⁸



OUR NEW FORMULATION AT A GLANCE

OUR MOST ADVANCED CLEANING FORMULA

HOW YOU CAN BENEFIT

BUSINESS VALUE

Deeper cleaning of fuel injectors	<ul style="list-style-type: none"> ■ Saves fuel by up to 3.75% ■ Achieves 83% power recovery ■ Targets and removes injector nozzle deposits ■ Cleans hidden, internal deposits (IDIDs) ■ Helps to prevent loss of load-pulling power and wasted energy¹¹ 	<ul style="list-style-type: none"> ■ Lower fuel costs ■ Lower operating costs ■ Vehicle/equipment reliability
Helps to protect your EGR system from deposit build-up	<ul style="list-style-type: none"> ■ Enables reliable engine performance by helping to keep the EGR system clean 	<ul style="list-style-type: none"> ■ Vehicle/equipment reliability ■ Reduced maintenance costs and total cost of ownership
Helps reduce emissions	<ul style="list-style-type: none"> ■ Reduces CO₂ emissions by up to 3.75% through improved fuel economy ■ Helps to support reduction in black smoke ■ Helps your EGR system to work effectively to reduce NO_x emissions 	<ul style="list-style-type: none"> ■ Reduced environmental impact
Easier housekeeping and storage	<ul style="list-style-type: none"> ■ Reduced risk of microbial growth even in up to B30 ■ Boosted oxidation stability for reduced risk of fuel degradation and sludge build-up 	<ul style="list-style-type: none"> ■ Equipment reliability ■ Helps maintain fuel quality for longer and reduce need for fuel replacement
Protects against corrosion of key fuel system parts and storage tanks	<ul style="list-style-type: none"> ■ Reduced maintenance and risk of breakdown 	<ul style="list-style-type: none"> ■ Lower operating costs ■ Reduced downtime
Antifoam agent to help reduce foaming when refuelling	<ul style="list-style-type: none"> ■ Reduced refuelling time and risk of spillage 	<ul style="list-style-type: none"> ■ Increased operating hours

SHELL COMMERCIAL FUELS TOGETHER ANYTHING IS POSSIBLE

Working together, we can help you keep moving on the road to a more profitable business. www.shell.com/commercialfuels

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- 1 Targets 3 types of deposits: Injector nozzle deposits, Internal Diesel Injector Deposits (IDIDs), EGR deposits. Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits and hidden internal injector deposits. Helps to protect the EGR system from the build up of deposits. EGR benefits applicable to all heavy-duty vehicles/engines of all ages that are equipped with a high pressure EGR system.
- 2 Can save up to 7 litres of fuel per tank size of 195 litres. Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits and hidden internal injector deposits. Compared to regular diesel without performance additives and with the same level of biocomponent. Based on Shell proprietary test methods in a range of HD engines/vehicles (including on-road and off-road technology). Shell FuelSave Diesel was compared to regular diesel, showing up to a 3.75% fuel economy benefit under equivalent steady state conditions at the end of test. Actual savings may vary according to vehicle, driving conditions and driving style.
- 3 Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits and hidden internal injector deposits. Compared to regular diesel without performance additives and with the same level of biocomponent. Based on industry standard and Shell proprietary test methods in a range of LD and HD engines (including on-road and off-road technology). Actual savings may vary according to vehicle, driving conditions and driving style.
- 4 Compared to regular diesel without performance additives and with the same level of biocomponent.
- 5 Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits and hidden internal injector deposits. Compared to regular diesel without performance additives and with the same level of biocomponent. Black smoke benefits in heavy duty engines up to and including Euro III. Actual savings may vary according to vehicle, driving conditions and driving style.

- 6 Helps to protect the EGR system from the build up of deposits. Compared to regular diesel without performance additives and with the same level of biocomponent. Applicable to HD vehicles of all ages that are equipped with a high pressure EGR systems. Based on a Shell proprietary test method. Actual savings may vary according to vehicle, driving conditions and driving style.
- 7 Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits. Based on a Shell proprietary test method in a HD vehicle. Actual savings may vary according to vehicle, driving conditions and driving style.
- 8 Compared to previous generation Shell FuelSave Diesel with the same level of biocomponent.
- 9 Ricardo study "Prevalence of Medium and Heavy Duty IDIDs and EGR Deposits" Report No RD21-001158-1.
- 10 Based on reduced CO₂ emissions as a result of higher fuel economy using Shell FuelSave Diesel in a range of Shell proprietary tests in HD engines / vehicles (including on-road and off-road technology). Compared to regular diesel without performance additives and with the same level of biocomponent, showing up to a 3.75% fuel economy benefit under equivalent steady state conditions at the end of test. Actual savings may vary according to vehicle, driving conditions and driving style.
- 11 Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits and hidden internal injector deposits. Helps to protect the EGR system from the build up of deposits. EGR benefits applicable to all heavy-duty vehicles/engines of all ages that are equipped with a high pressure EGR system. Compared to regular diesel without performance additives and with the same level of biocomponent. Based on Shell proprietary test methods. Actual savings Last bullet needs this disclaimer (after 'energy'): Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits and hidden internal injector deposits. Helps to protect the EGR system from the build up of deposits. EGR benefits applicable to all heavy-duty vehicles/engines of all ages that are equipped with a high pressure EGR system. Compared to regular diesel without performance additives and with the same level of biocomponent. Based on Shell proprietary test methods. Actual savings may vary according to vehicle, driving conditions and driving style.